

REMARKS

Applicants appreciate the examination of the present application that is evidenced by the final Official Action of February 2, 2009 and the indication that Claims 21-26 are allowed. Applicants also appreciate the continued indication that Claims 7-9 and 14-15 recite allowable subject matter.

Nonetheless, Applicants respectfully request reconsideration of the outstanding rejections set forth in the final Official Action. In particular, Applicants request the Examiner to reconsider the secondary reference to Berner et al. (US 6,947,311). Applicants acknowledge that Berner et al. discloses molecular components having reversible dipole polarity, however these molecular components are not rotatable, as argued by the Examiner in the final Official Action. Instead, according to Berner et al., the molecules within a dipole layer are only capable of forming two different types of two-dimensional structures (ordered and disordered), but not any three-dimensional changes resulting from, for example, rotation of the molecular components. Thus, as illustrated by FIG. 4 of Berner et al., the molecules within the dipole layer can move in a two-dimensional manner from an ordered condition (FIG. 4a) to a disordered condition (FIG. 4c) and back to an ordered condition (FIG. 4e). As illustrated by FIGS. 8-9 of Berner et al., the selective two-dimensional ordering can support data storage (disordered = 0, ordered = 1) or an optical mirror function. (See, e.g., Berner et al., Col. 6, lines 29-45).

Nonetheless, these disclosures of Berner et al. do not provide any suggestion of "rotatable molecular components" that represent a three-dimensional translation of the molecular components, as illustrated by FIG. 4 of the present application. For at least these reasons, Applicants respectfully submit that all pending claims are in condition for allowance.

Respectfully submitted,
Grant J. Scott
Registration No. 36,925

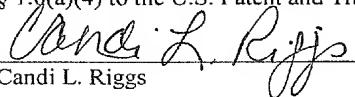
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Myers Bigel Sibley & Sajovec
Post Office Box 37428
Raleigh, North Carolina 27627
Telephone: 919/854-1400
Facsimile: 919/854-1401

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Candi L. Riggs